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# ADOBE RANCHHOUSE

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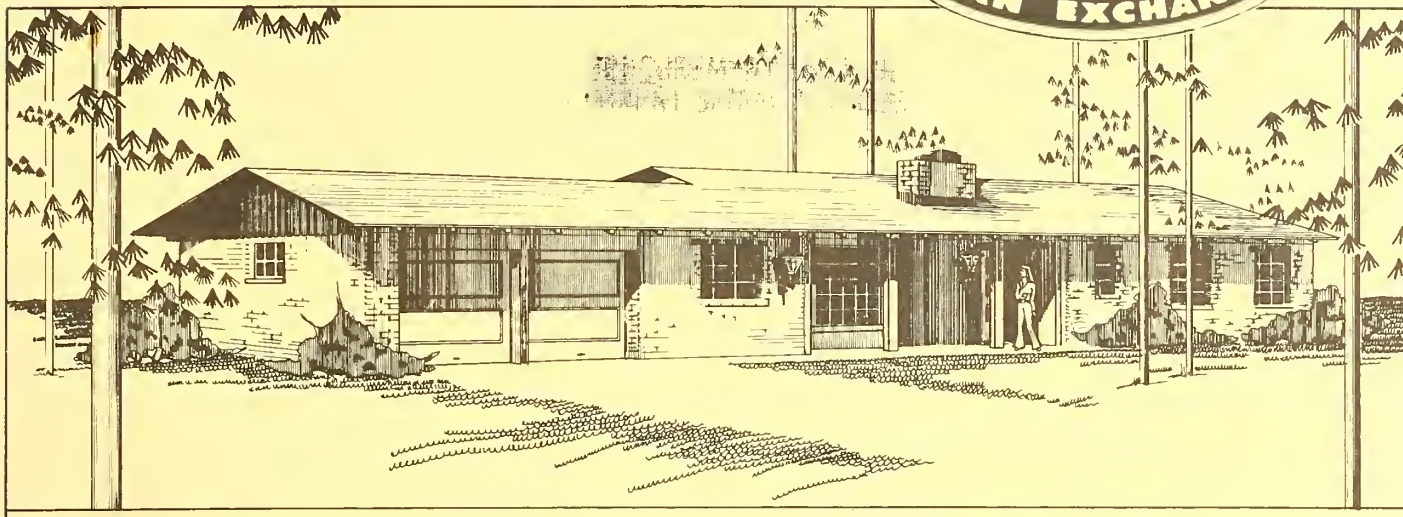
COOPERATIVE  
FARM BUILDING

Plan No. 7214

(6 sheets)

JUL 24 '79

PLAN EXCHANGE



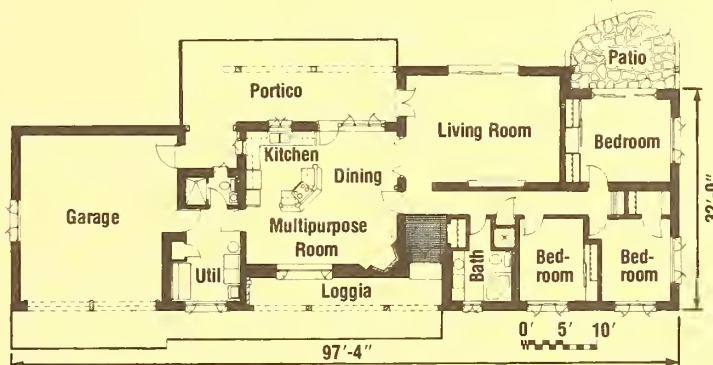
## ADOBE RANCHHOUSE

This adobe house with its rough textured surfaces and sturdy appearance reflects a secure, homey feeling.

The sheltered loggia, which creates an interesting and inviting entrance, conforms with the rugged exterior surfaces. These walls continue through the interior as well. Beginning at the impressive double-door foyer, one is warmly welcomed by an inviting quarry-tile floor and the natural rough adobe walls beyond. The walls become a dominant feature throughout the house, suggesting an air of informal ranchlike atmosphere.

Another amenity is the well-controlled traffic pattern; it is possible to go directly from the entrance to the quietly zoned bedroom quarters or to the secluded, spacious living area without passing through other rooms. The well-designed multipurpose room is conveniently accessible to the generous kitchen and dining area. Also adjacent to the kitchen are the powder room and an ample utility space. This utility space is ideally located between the garage and the rest of the house to deter tracking in through the garage.

Although adobe construction is found mostly in arid and semiarid climates, it has proved satisfactory also in humid areas when walls are moisture-proofed. Adobe blocks are generally made of wet clay loam and straw; however, stabilized earth blocks can also be used made of sandy clay loam, portland cement, and water. Most of the building material is available at nominal cost. The massive walls are strong, durable, and fire resistant, and



PLAN

they maintain a comfortable temperature. A factor that may be an advantage is the cost of labor. Unskilled labor can be employed; however, a lot of work hours are required to make and lay the blocks.

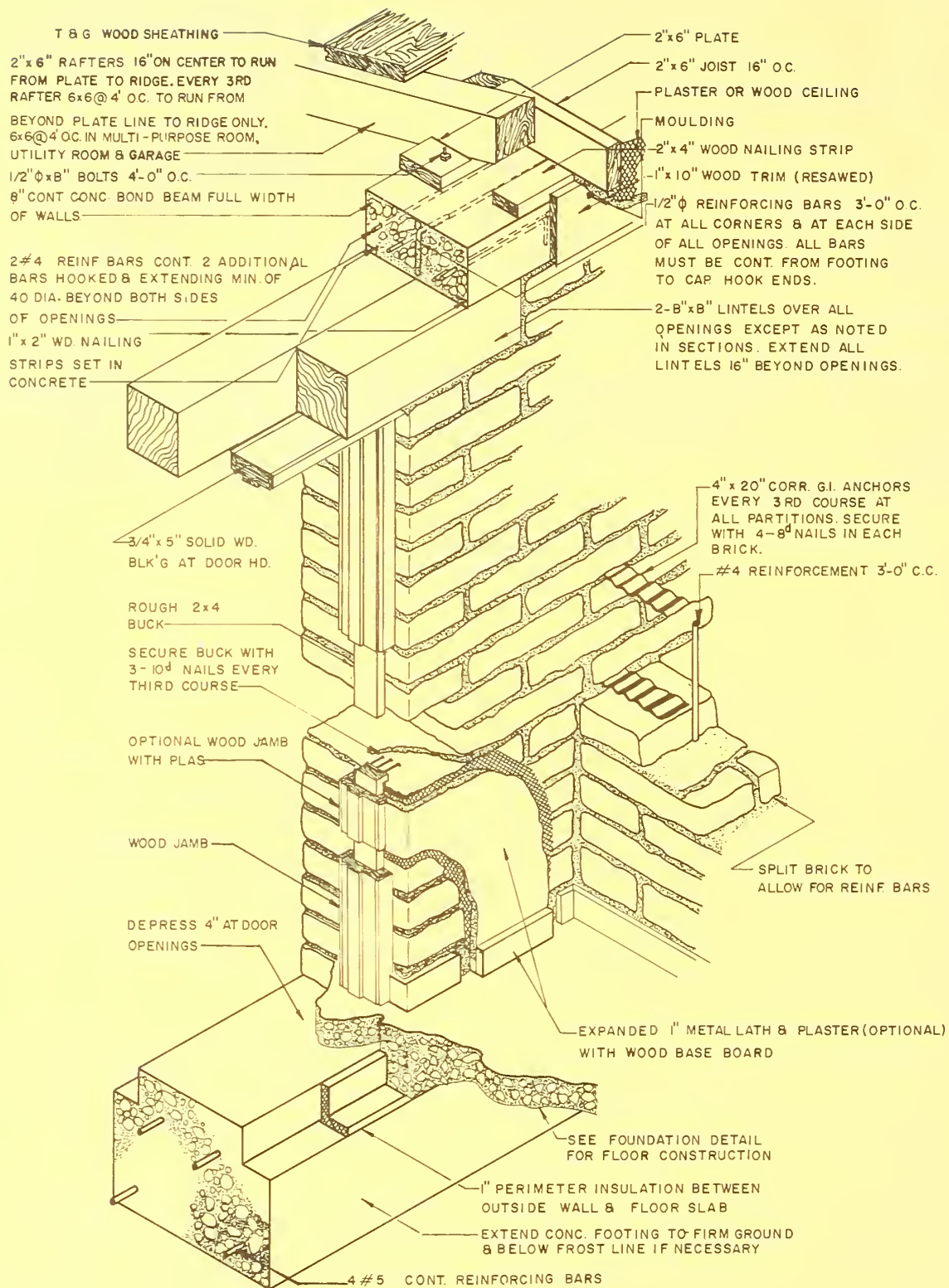
Complete working drawings may be obtained from the Extension agricultural engineer at your State land-grant university. There may be a small charge to cover cost of printing.

If you do not know the location of your State land-grant university, send your request to Agricultural Engineer, Science and Education Administration, U.S. Department of Agriculture, Washington, D.C. 20250. Your request will be forwarded to the correct university.

ORDER PLAN NO. 7214, ADOBE RANCHHOUSE

Issued June 1979





ISOMETRIC OF TYPICAL ADOBE DETAILS



